IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLN. OF: HAYASE et al.

FILED: March 9, 2005

FOR: BLOOD FLOW VISUALIZING DIAGNOSTIC APPARATUS

DOCKET: SHIG CPTA1402AU

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

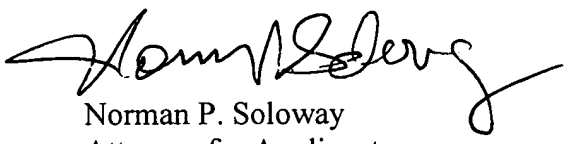
Dear Sir:

In connection with the above-entitled matter, Applicants hereby attach U.S. Patent Office Form PTO-1449, including copies of the references listed therein, which were considered prior to the initial filing, and some of which are discussed in the specification. The claims in the present application are believed to be patentably distinguished over these references.

This information disclosure statement is being made pursuant to the duty of disclosure imposed by law and formulated in 37 CFR 1.56(A). No representation is made that the information thus disclosed in fact constitutes prior art or that it is the closest prior art, inasmuch as 37 CFR 1.56(A) relies on a materiality concept which depends on subjectivity.

In the event there are any fee deficiencies or additional fees are payable, please charge them (or credit any overpayment) to our Deposit Account No. 08-1391.

Respectfully submitted,



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INFORMATION DISCLOSURE [redacted]TION *(Use several sheets if necess[redacted])*	ATTY DOCKET NO. SHIG CPTA1402AU	APPLICATION NO. 10/527140
	APPLICANT(S) HAYASE et al.	
	FILING DATE March 9, 2005	GROUP ART UNIT

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
		JP2000-229078	08.22.2000	Japan (w/ Abstract)				✓
		JP2001-218768	08.14.2001	Japan (w/ Abstract)				✓
		JP2002-017726	01.22.2002	Japan (w/ Abstract)				✓
		JP11-316180	11.16.1999	Japan (w/ Abstract)				✓

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

			Hayase, Finite volume method (SIMPLER method), Journal of the Japan Hydraulics & Pneumatics Society (in Japanese), Vol. 26, No. 4 (1995), pp. 407-413.
			Hayase and Hayashi, Fundamental Study on Computer-Aided Flow Field Control (State Observer for Flow System), Transactions of the Japan Society of Mechanical Engineers (in Japanese), Vol. 62, No. 598 (1996), pp. 2261-2268.

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT *(Use several sheets if necessary)*	Docket Number (Optional) SHIG CPTA1402AU	Application Number
	Applicant(s) HAYASE et al.	
	Filing Date March 9, 2005	Group Art Unit

*EXAMINER INITIAL		OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*
		Hayese T., and Hayashi, S., "State Estimator of Flow as an Integrated Computational Method with the Feedback of Online Experimental Measurement," Tranactions of the ASME, J. Fluids Eng., Vol. 119 (1997), pp. 814-822.
		Nisugi, Takeda, Shirai and Hayase, "Fundamental Study on Hybrid Wind Tunnel (Study of Feedback Scheme)," Proceedings of the JSME Fluids Engineering Division Meeting (in Japanese), CD-ROM (2001), G803.
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		Menigault et al., "Feto-maternal circulation: mathematical model and comparsion with Doppler measurements", European Journal of Ultrasound 7 (1998) pp. 129-143.

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